

## CLAIMS

1. A method for intersystem transfer of calls from a first cellular mobile radio system using the macrodiversity transmission technique to a second cellular mobile radio system, said macrodiversity transmission using a radio network controller of the first system, referred to as the serving controller, and at least one other radio network controller of the first system, referred to as the drift controller, wherein adjoining cell information relating to the second system is signaled to said serving controller by at least one drift controller controlling at least one serving cell belonging to said first system and having at least one adjoining cell belonging to said second system.
2. A mobile radio network controller for cellular mobile radio systems using the macrodiversity transmission technique, said macrodiversity transmission involving a radio network controller of the first system, referred to as the serving controller, and at least one other radio network controller of the first system, referred to as the drift controller, wherein, if said controller has a drift controller role, it includes means for signaling to a controller having a serving controller role adjoining cell information relating to at least one adjoining cell of at least one serving cell that it controls and belongs to a system different from that to which said at least one serving cell belongs.
3. A mobile radio network controller for cellular mobile radio systems using the macrodiversity transmission technique, said macrodiversity transmission involving a radio network controller of the first system, referred to as the serving controller, and at least one other radio network controller of the first system, referred to as the drift controller, wherein, if said controller has a serving controller role, it includes means for receiving

from a controller having a drift controller role,  
adjoining cell information relating to at least one  
adjoining cell of at least one serving cell controlled by  
said drift controller and belonging to a system different  
5 from that to which at least one serving cell belongs.

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